



M3 Sports Lighting



Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The next generation of sports field lighting – a first-of-its-kind lighting solution designed for unmatched performance and simplified installation.

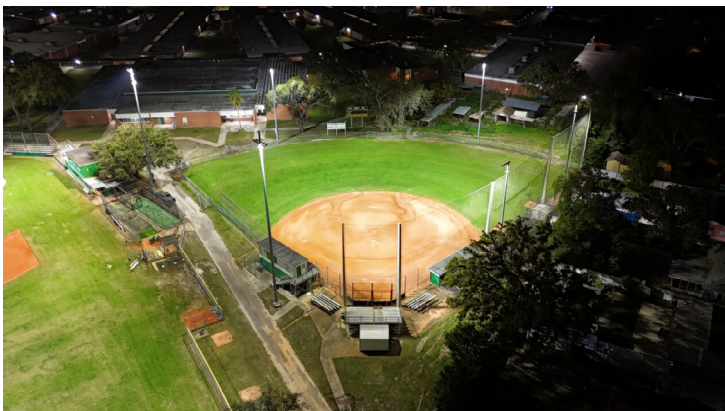
Delivering 135,000 lumens of powerful white light and modular RGB lighting, the Lithonia Lighting® M3 Sports Light enhances visibility and game-time atmosphere like never before. Built with custom silicone optics and precision-engineered distributions, M3 eliminates aiming, ensuring perfect uniformity with minimal glare.

The M3 Sports Lighting solution is made for high-performance environments with impact-resistant aluminum construction, while the remote-mounted, field-replaceable driver allows for quick maintenance at the base of the pole.

This groundbreaking lighting solution is transforming the way sports fields are lit—delivering brighter illumination, advanced control, and unrivaled performance. More light, less hassle, and the ultimate on-field experience.



- Up to 135,000 lumens of white light weighing 25.5 lbs
- Quick installation – No complicated wiring or aiming required
- Extremely Low On-Field Glare Rating – Less than 200,000 peak candela at any point on field
- Sleek and structural design; 2x stronger ½ the weight, and ¼ the EPA of traditional LED sports lighting products
- Eliminates the cost of bulky cross-arms and unreliable wiring connections



COMMERCIAL OUTDOOR

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1. Module¹

EXAMPLE: M3K P1 50K 70CRI UW WVOLT DBLXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Finish
M3K M3 Sports Light	P1 1000W	50K 5000K CCT RGB RGB	70CRI 70CRI	L Left R Right UW Ultra Wide S Spot NSP Long Throw Spot	WVOLT 208-480V with enhanced power quality protection	DBLXD Black

Notes

1 Driver and collar included with the Module.

2. Mount

EXAMPLE: M3KUM DBLXD

Series	Finish
M3KUM M3 Universal Mount	DBLXD Black

3. Spine

EXAMPLE: M3KSPINE AUX DBLXD

Series	AUX	Finish
M3KSPINE M3 Spine	(blank) Without Auxiliary Input AUX With Auxiliary Input	DBLXD Black

4. Cable

EXAMPLE: M3KCBL 65FT DBLXD

Series	Cable Length	Finish
M3KCBL M3 Cable	35FT 85FT 45FT 95FT 55FT 105FT 65FT 115FT 75FT	DBLXD Black

Accessories

Ordered and shipped separately.

Series	Finish
5. M3KGTW M3 Gateway	DBLXD Black
6. M3KAUX M3 Auxiliary Lighting Module	DBLXD Black
7. M3KUV M3 Shield	DBLXD Black
M3KRET Retrofit Adapter	DNAXD Natural Aluminum
M3KTAB M3 Tablet	DBLXD Black

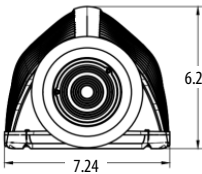
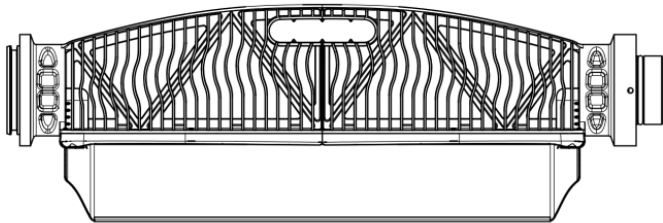
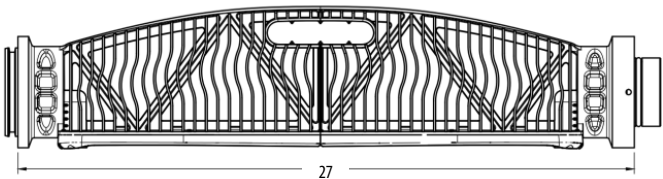


Product Features

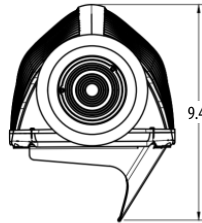
- Up to 135,000 lumens of white light weighting 25.5 lbs
- Modular and quickly interchangeable RGB Light
- Quick installation – No complicated wiring or aiming required
- Extremely Low On-Field Glare Rating – Less than 250,000 peak candela at any point on field
- Sleek and structural design; 2x stronger, ½ the weight, and ¼ the EPA of traditional LED sports lighting products
- Eliminates the cost of bulky cross-arms and unreliable wiring connections
- Ultra-corrosion resistant alloy – less than 0.03% Cu with Electrophoresis Coating

Product Performance

	M3K P1 50K	M3K P1 RGB
Lumen Output	Up to 135,000	—
Nominal Power	1000W	
CCT	5000K	N/A
CRI	70	N/A
Optical Distribution	L,R,UW,S,NSP	
Operating Temperature Range	-40°C to 40°C	
L70 (IESNA TM-21-11)	>60,000	
Environmental certifications	IP66, NEMA 4x, ANSI C136.31 3G	
Effective Projected Area	1.2 (sq. ft)	
Weight	25.5lbs (11.57kg)	
Shield Available	Yes	



Unshielded



Pre/Post Shield

Mount

Product Features

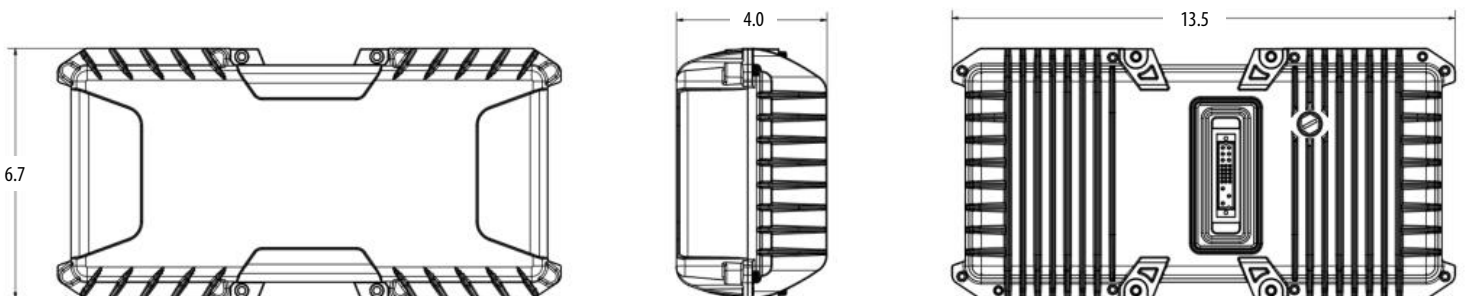
- Durable cast aluminum with corrosion resistant finish
- Internal wiring allows luminaires to plug n play with combined electrical and mechanical connection
- Mounting plate adapts to a variety of pole sizes for easy installation
- Retrofit installation requires 3/4" stainless steel banding (sold separately)
- Supports up to **FOUR** modules, two per side



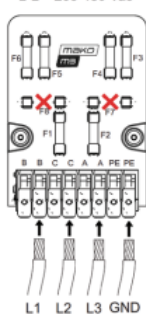
Driver

Product Features

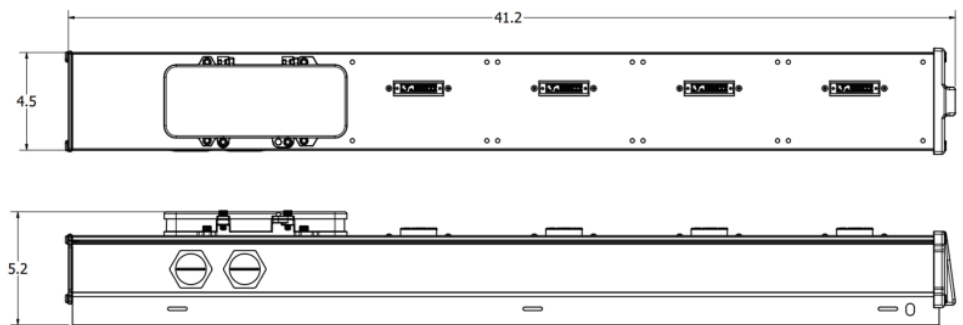
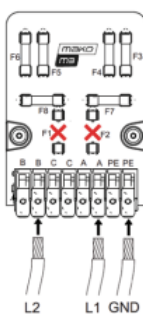
- Field Replaceable – Easy installation and quick disconnect at base of pole – No Electrician Needed
- High Power – 1000W, 3-Channel Output
- Light Weight – 8.6lbs
- High Efficiency – >95%
- Universal Input – 190-528VAC
- Reliable –
 - 250,000hr lifetime at 25C ambient temperature
 - Dynamic power factor correction detects, corrects, and runs through dirty power or power pollution
- Redundant – System failure detection and automatic correction with 50% Power Reserve



3-Phase Power Input
L-L = 208-480 Vac



1-Phase Power Input
L-L = 208-480 Vac



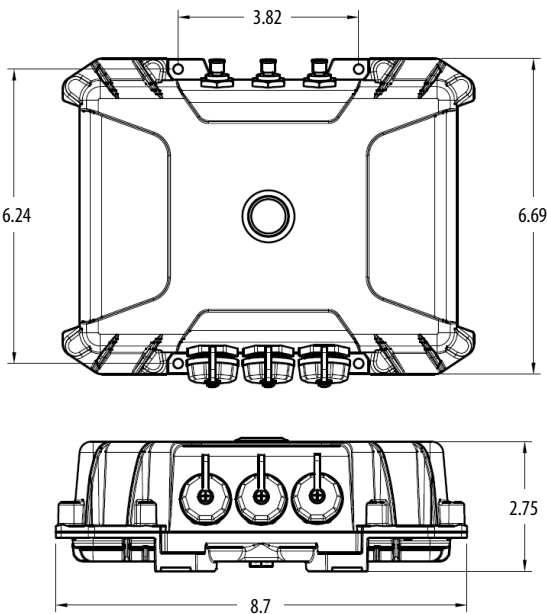
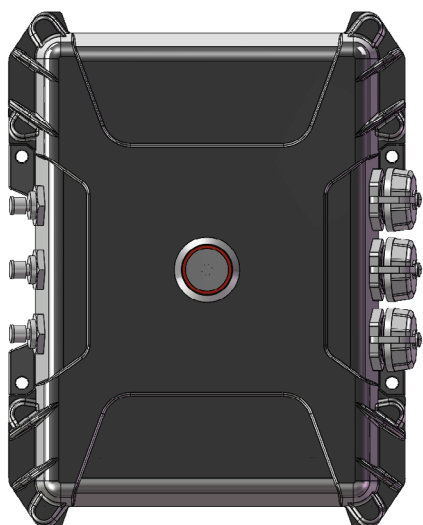
Product Features

- Rugged solid-state mission critical defense system backplane for power and communication
- Fast connect and disconnect of M3 Driver without need of electrician
- Integrated 100kA surge protection. Battery backup on board
- Battery backup on board to support control use and egress lighting in loss of power events
- Integrated Junction Box
- Sealed and lockable access point for installation and maintenance
- Eliminates cumbersome and costly external fuse enclosures
- Patented MST Field-Adapt quickly converts from 1-phase to 3-phase in seconds
- Universal input voltage of 208VAC to 480VAC
- Easy Tool-Free connection to existing power at base of pole
- Supports up to **FOUR** modules with four driver positions



Expandable Sensor and Auxillary Power

- Low voltage quick access expansion port
- 2-hour emergency lighting module with up to 2500 lumen output



Product Features

- Only All-encompassing exclusive Sports Lighting Control System on the market
- Intuitive Control of M3 Sports Entertainment Solution
- IP65 rated with built in surge protection
- Programmable push buttons for manual control
- AES 128-bit encryption
- DMX integration options
- Cellular connectivity included for 24/7 monitoring and system updates
- Multiple Zones, Behaviors, Events, and Schedules
- Ethernet port and cellular for network connectivity
- BMS and other system integration options
- Optional Cloud and Remote Access services available

Description:	Wireless connected gateway
Input Power:	USB-C Universal Input
Operating Environment:	Outdoor Rated at -40°C to 55°C, IP65 (when latched)
Radio:	ESP32 Wi-Fi+SOC
Certifications:	IC CSA ROHS
Warranty:	5-year

FEATURES & SPECIFICATIONS

INTENDED USE

Delivering 135,000 lumens of powerful white light and modular RGB lighting, the Lithonia Lighting® M3 Sports Light enhances visibility and game-time atmosphere like never before. Built with custom silicone optics and precision-engineered distributions, M3 eliminates aiming, ensuring perfect uniformity with minimal glare.

CONSTRUCTION

Sleek and structural design; 2x stronger, 1/2 the weight, and 1/4 the EPA of traditional LED sports lighting products. Ultra-corrosion resistant alloy – less than 0.03% Cu with Electrophoresis Coating

ELECTRICAL

High Power – 1000W, 3-Channel Output. High Efficiency – >95%. Universal Input – 190-528VAC. Field Replaceable – Easy installation and quick disconnect at base of pole – No Electrician Needed. Reliable – 250,000hr lifetime at 25°C ambient temperature. Dynamic power factor correction detects, corrects, and runs through dirty power or power pollution.

INSTALLATION

Quick installation – No complicated wiring or aiming required. Eliminates the cost of bulky cross-arms and unreliable wiring connections

LISTINGS

IP66, NEMA 4X.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. The product images shown are for illustration purposes only and may not be an exact representation of the product. Specifications subject to change without notice.

